

1. 1. The first  
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 3. 3. The third  
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 30. 30. The thirtieth  
 31. 31. The thirty-first  
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 37. 37. The thirty-seventh  
 38. 38. The thirty-eighth  
 39. 39. The thirty-ninth  
 40. 40. The fortieth  
 41. 41. The forty-first  
 42. 42. The forty-second  
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 46. 46. The forty-sixth  
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 48. 48. The forty-eighth  
 49. 49. The forty-ninth  
 50. 50. The fiftieth  
 51. 51. The fifty-first  
 52. 52. The fifty-second  
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 56. 56. The fifty-sixth  
 57. 57. The fifty-seventh  
 58. 58. The fifty-eighth  
 59. 59. The fifty-ninth  
 60. 60. The sixtieth  
 61. 61. The sixty-first  
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 79. 79. The seventy-ninth  
 80. 80. The eightieth  
 81. 81. The eighty-first  
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 87. 87. The eighty-seventh  
 88. 88. The eighty-eighth  
 89. 89. The eighty-ninth  
 90. 90. The ninetieth  
 91. 91. The ninety-first  
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 93. 93. The ninety-third  
 94. 94. The ninety-fourth  
 95. 95. The ninety-fifth  
 96. 96. The ninety-sixth  
 97. 97. The ninety-seventh  
 98. 98. The ninety-eighth  
 99. 99. The ninety-ninth  
 100. 100. The hundredth

## 5

An apparatus for detecting a deviation of a camera as a result of the camera shaking, for example resulting from a hand of the camera operator shaking. The apparatus includes a shaking detector which detects a deviation of the camera from shaking based upon an output of angular velocity sensors which are located on different axes of the camera coordinates. A calculator calculates tilt angles of each of the coordinate axes from outputs of the angular velocity sensors. The rotation regulator rotates an image pickup device around an optical axis of the camera or an axis in parallel with the optical axis.